

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	200701/1126
First Inventor	Zhang
Title	A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN WITH AFFINITY ADSORBENTS AND USE OF THE SAME
Express Mail Label No.	EV138584905US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 41]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications (*if applicable*)
 - Statement Regarding Fed sponsored R & D (*if applicable*)
 - Reference to sequence listing, a table, or a computer program listing appendix (*if applicable*)
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 16]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Unsigned
 - c. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (*if applicable, all necessary*)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies; or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (*when there is an assignee*)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16. Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No.: 10/078,843

Prior application information:

Examiner Ernest Therkorn

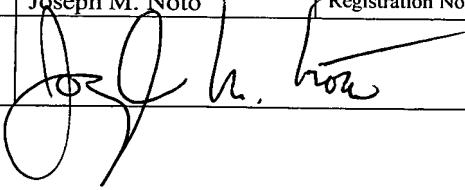
Group / Art Unit: 1723

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label				<input checked="" type="checkbox"/> Correspondence address below

Name	Nixon Peabody LLP			
Address	Clinton Square, P.O. Box 31051			
City	Rochester	State	NY	Zip Code
Country	USA	Telephone	(585) 263-1601	Fax

Name (Print/Type)	Joseph M. Noto	Registration No. (Attorney/Agent)	32,163
Signature			Date

U.S. PTO
10/14/03
03917 10/14/03
09/09/03

FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 447)

<i>Complete if Known</i>	
Application Number	Division of 10/078,843
Filing Date	Herewith
First Named Inventor	Zhang
Examiner Name	To Be Assigned
Art Unit	To Be Assigned
Attorney Docket No.	200701/1126

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account:

Deposit Account Number

14-1138

Deposit Account Name

Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

SUBTOTAL (1)

(\$ 375)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	28	-20** =	8 X 9	72
Independent Claims	2	-3** =	0 X 42	0
Multiple Dependent		X		0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 72)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity

Small Entity

Fee Description

Fee Code (\$)	Fee Code (\$)	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130	Non-English specification
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251 110	2251 55	Extension for reply within first month
1252 410	2252 205	Extension for reply within second month
1253 930	2253 465	Extension for reply within third month
1254 1,450	2254 725	Extension for reply within fourth month
1255 1,970	2255 985	Extension for reply within fifth month
1401 320	2401 160	Notice of Appeal
1402 320	2402 160	Filing a brief in support of an appeal
1403 280	2403 140	Request for oral hearing
1451 1,510	1451 1,510	Petition to institute a public use proceeding
1452 110	2452 55	Petition to revive - unavoidable
1453 1,300	2453 650	Petition to revive - unintentional
1501 1,300	2501 650	Utility issue fee (or reissue)
1502 470	2502 235	Design issue fee
1503 630	2503 315	Plant issue fee
1460 130	1460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)
1806 180	1806 180	Submission of Information Disclosure Stmt
8021 40	8021 40	Recording each patent assignment per property (times number of properties)
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))
1801 750	2801 375	Request for Continued Examination (RCE)
1802 900	1802 900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop _____, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

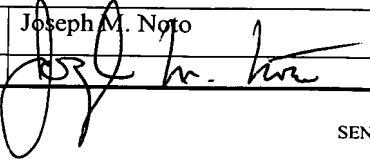
transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) _____.

Date

Signature

Typed or printed name

SUBMITTED BY

Name (Print/Type)	Joseph M. Noto	Registration No. (Attorney/Agent)	32,163	Telephone	(585) 263-1601
Signature				Date	9/9/03

EXPRESS MAIL CERTIFICATE

DOCKET NO.: **200701/1126**

APPLICANTS: **Sheng Zhang and Xian Huang**

TITLE: **A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN
WITH AFFINITY ADSORBENTS AND USE OF THE SAME**

Certificate is attached to the **Utility Patent Application Transmittal Letter (1 page)**
(in duplicate) of the above-named application.

EXPRESS MAIL NUMBER: **EV138584905US**

DATE OF DEPOSIT: **September 9, 2003**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Shawn A. Lockett

**(Typed or printed name of person
mailing paper or fee)**



**(Signature of person mailing paper
or fee)**

EXPRESS MAIL CERTIFICATE

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Certificate is attached to the **Fee Transmittal for FY 2003 (1 page) (in duplicate)** of the above-named application.

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Shawn A. Lockett

(**Typed or printed name of person
mailing paper or fee**)



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or fee)**

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APPLICANTS: **Sheng Zhang and Xian Huang**

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WITH AFFINITY ADSORBENTS AND USE OF THE SAME**

Certificate is attached to the **Patent Application including specification, claims, and abstract (41 pages)**, as filed in the prior application of the above-named application.

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DATE OF DEPOSIT: **September 9, 2003**

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Shawn A. Lockett
**(Typed or printed name of person
mailing paper or fee)**


**(Signature of person mailing paper
or fee)**

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TITLE: **A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN
WITH AFFINITY ADSORBENTS AND USE OF THE SAME**

Certificate is attached to the copy of the **SIGNED Combined Declaration and Power of Attorney Form (2 pages)** as filed in the prior application of the above-named application.

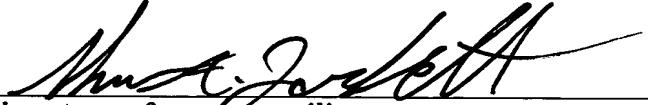
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Shawn A. Lockett

**(Typed or printed name of person
mailing paper or fee)**



**(Signature of person mailing paper
or fee)**

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DOCKET NO.: **200701/1126**

APPLICANTS: **Sheng Zhang and Xian Huang**

TITLE: **A MICROCHIP ELECTROSPRAY DEVICE AND COLUMN
WITH AFFINITY ADSORBENTS AND USE OF THE SAME**

Certificate is attached to the **Formal Drawings (16 sheets)** of the above-named application.

EXPRESS MAIL NUMBER: **EV138584905US**

DATE OF DEPOSIT: **September 9, 2003**

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Shawn A. Lockett

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